

**Amendments to the Claims**

Please amend Claims 61, 62, 66, 68, 76 and 77. The Claim Listing below will replace all prior versions of the claims in the application:

**Claim Listing**

1-60. (Canceled)

61. (Currently amended) A method for identifying a compound that modulates the activity of a ~~CRSP~~ protein CRSP-2 protein, comprising:

- [[a.]] a) providing [[a]] an indicator composition comprising a protein having CRSP-2 activity;
- [[b.]] b) contacting the indicator composition with a test compound; and
- [[c.]] c) determining the effect of the test compound on CRSP-2 activity in the indicator composition to thereby identify a compound that modulates the activity of an CRSP-2 protein, wherein said CRSP-2 activity is modulation of signal transduction, regulation of cellular proliferation and/or regulation of gene transcription in a cell involved in development or differentiation.

62. (Currently amended) An isolated polypeptide comprising an amino acid sequence at least 80% identical to an amino acid sequence selected from the group consisting of the amino acid sequence of SEQ ID NO: 5 and the amino acid sequence of SEQ ID NO: 5 without amino acids 1 to 19, wherein said isolated polypeptide modulates signal transduction, regulates cellular proliferation and/or regulates gene transcription in a cell involved in development or differentiation.

63. (Previously presented) The polypeptide of claim 62, which comprises an amino acid sequence which is at least 90% identical to an amino acid sequence selected from the group consisting of the amino acid sequence of SEQ ID NO: 5 and the amino acid sequence of SEQ ID NO: 5 without amino acids 1 to 19.

64. (Previously presented) The polypeptide of claim 62, wherein the amino acid sequence comprises a cysteine-rich region.
65. (Previously presented) The polypeptide of claim 62, wherein the amino acid sequence comprises a cysteine-rich domain.
66. (Currently amended) An isolated polypeptide comprising a cysteine-rich region which is at least 80% identical to amino acids 41 to 218 of SEQ ID NO: 5, wherein said isolated polypeptide modulates signal transduction, regulates cellular proliferation and/or regulates gene transcription in a cell involved in development or differentiation.
67. (Previously presented) The polypeptide of claim 66, wherein the cysteine-rich region comprises amino acids 41 to 218 of SEQ ID NO: 5.
68. (Currently amended) An isolated polypeptide comprising a cysteine rich domain which is at least 80% identical to amino acids 41 to 90 of SEQ ID NO: 5 or to amino acids 138 to 218 of SEQ ID NO: 5, wherein said isolated polypeptide modulates signal transduction, regulates cellular proliferation and/or regulates gene transcription in a cell involved in development or differentiation.
69. (Previously presented) The polypeptide of claim 68, wherein the cysteine-rich domain comprises amino acids 41 to 90 of SEQ ID NO: 5 or amino acids 138 to 218 of SEQ ID NO: 5.
70. (Previously presented) An isolated polypeptide comprising the amino acid sequence of SEQ ID NO: 5.

71. (Previously presented) An isolated polypeptide comprising the amino acid sequence of SEQ ID NO: 5 without amino acids 1 to 19.
72. (Previously presented) An isolated polypeptide encoded by a nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 4.
73. (Previously presented) An isolated polypeptide encoded by a nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 6.
74. (Previously presented) An isolated polypeptide comprising an amino acid sequence which is encoded by a nucleic acid molecule which hybridizes to the complement of the nucleic acid molecule consisting of SEQ ID NO: 4 or 6 under conditions of incubation at 45°C in 6.0 X SSC followed by washing in 0.2 X SSC, 0.1% SDS at 50°C.
75. (Previously presented) An isolated polypeptide comprising an amino acid sequence which is encoded by a nucleic acid molecule which hybridizes to the complement of the nucleic acid molecule consisting of SEQ ID NO: 4 or 6 under conditions of incubation at 45°C in 6.0 X SSC followed by washing in 0.2 X SSC, 0.1% SDS at 65°C.
76. (Currently amended) An isolated polypeptide comprising an amino acid sequence which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 80% identical to the nucleotide sequence consisting of SEQ ID NO: 6, wherein said isolated polypeptide modulates signal transduction, regulates cellular proliferation and/or regulates gene transcription in a cell involved in development or differentiation.
77. (Currently amended) An isolated polypeptide comprising an amino acid sequence which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 90% identical to the nucleotide sequence consisting of SEQ ID NO: 6, wherein said

isolated polypeptide modulates signal transduction, regulates cellular proliferation and/or regulates gene transcription in a cell involved in development or differentiation.

78. (Previously presented) An isolated polypeptide comprising at least 10 consecutive amino acids of the amino acid sequence of SEQ ID NO: 5.
79. (Previously presented) The polypeptide of claim 78, which comprises at least 25 consecutive amino acids of SEQ ID NO: 5.
80. (Previously presented) The polypeptide of claim 79, which comprises at least 50 consecutive amino acids of SEQ ID NO: 5.
81. (Previously presented) The polypeptide of claim 80, which comprises at least 100 consecutive amino acids of SEQ ID NO: 5.
82. (Previously presented) The polypeptide of claim 81, which comprises a cysteine-rich domain of SEQ ID NO: 5.
83. (Previously presented) The polypeptide of claim 80, which comprises a cysteine-rich region of SEQ ID NO: 5.
84. (Previously presented) The polypeptide of claim 82, wherein the cysteine-rich domain comprises amino acids 41 to 90 of SEQ ID NO: 5 or amino acids 138 to 218 of SEQ ID NO: 5.
85. (Previously presented) The polypeptide of claim 81, wherein the cysteine-rich region comprises amino acids 41 to 218 of SEQ ID NO: 5.

86. (Previously presented) An isolated polypeptide consisting of the amino acid sequence selected from the group consisting of SEQ ID NO: 5 and SEQ ID NO: 5 without amino acids 1 to 19.
87. (Previously presented) A fusion polypeptide comprising the polypeptide of any one of claims 62, 66, 68, 72-76 and 78, operatively linked to a non-CRSP polypeptide.
88. (Previously presented) A pharmaceutical composition comprising the polypeptide of any one of claims 62, 66, 68, 72-76 and 78 and a pharmaceutically acceptable carrier.